

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("4665348").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/12 14:43
S2	23	"4665348".uref.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 11:40
S3	8	"4665348".uref. and actuator and valve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 11:41
S5	2	"4665348".uref. and actuator and valve and coil and excit\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 11:43
S6	3	"4665348".uref. and actuator and valve and hydraulic\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 11:47
S7	14598	actuator and valve and hydraulic\$4 with force	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 11:48
S8	3	electromagnetic\$4 with actuator with pressure with measur\$6 and valve with open\$3 with clos\$3 and hydraulic\$4 with force	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 11:49
S9	1	electromagnetic\$4 with actuator with pressure with measur\$6 and valve with open\$3 with clos\$3 and hydraulic\$4 with force and coil	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 11:51
S11	2	electromagnetic\$4 and actuator with pressure with measur\$6 and valve with open\$3 with clos\$3 and hydraulic\$4 with force and coil same excit\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 16:06

## EAST Search History

S12	6	"4665348".uref. and actuator and valve and coil	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 12:17
S13	28	electromagnetic\$4 and actuator with pressure with measur\$6 and valve with open\$3 with clos\$3 and hydraulic\$4 with force and coil	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 12:20
S14	0	electromagnetic\$4 and actuator with pressure with measur\$6 and valve with open\$3 with clos\$3 and hydraulic\$4 with force and coil and break with fluid	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 12:21
S15	22	electromagnetic\$4 and actuator with pressure with measur\$6 and valve with open\$3 with clos\$3 and hydraulic\$4 with force and coil and fluid	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 12:21
S16	2	de-4440531-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 15:58
S17	32957	differential with pressure with fluid	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 16:07
S18	0	determin\$3 with differential with pressure with fluid with electromagnet\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 16:08
S19	12	determin\$3 with differential with pressure with fluid with electromagnet\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 16:08
S20	576383	differential with pressure with fluid with electromagnet\$4 withn actuator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 16:08
S21	20	differential with pressure with fluid with electromagnet\$4 with actuator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 16:08

## EAST Search History

S22	13	differential with pressure with fluid with electromagnet\$4 with actuator and valve with open\$3 with clos\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 16:10
S23	1	differential with pressure with fluid with electromagnet\$4 with actuator and valve with open\$3 with clos\$3 and excit\$3 with coil	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 16:09
S24	42	differential with pressure with electromagnet\$4 with actuator and valve with open\$3 with clos\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 16:10
S25	1	differential with pressure with electromagnet\$4 with actuator and valve with open\$3 with clos\$3 and excit\$3 with coil	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 16:10
S26	66	pressure with electromagnet\$4 with actuator and valve with open\$3 with clos\$3 and excit\$3 with coil	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 16:11
S27	19	fluid with pressure with electromagnet\$4 with actuator and valve with open\$3 with clos\$3 and excit\$3 with coil	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 16:11
S28	9	fluid with pressure with electromagnet\$4 with actuator and valve with open\$3 with clos\$3 and excit\$3 with coil and magnet\$4 with force	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 16:12
S29	1	fluid with pressure with electromagnet\$4 with actuator and valve with open\$3 with clos\$3 and excit\$3 with coil and magnet\$4 with force and differential with pressure	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 16:12
S30	7	fluid with pressure with electromagnet\$4 with actuator and valve with open\$3 with clos\$3 and excit\$3 with coil and magnet\$4 with force and hydraulic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 16:16
S31	5	fluid with pressure with electromagnet\$4 with actuator and valve with open\$3 with clos\$3 and excit\$3 with coil and magnet\$4 with force and hydraulic with force	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 16:13

## EAST Search History

S32	58	control\$4 with position with valve with actuatu\$3 with magnetic\$3 with force and pressure with fluid	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 16:17
S33	32	control\$4 with position with valve with actuatu\$3 with magnetic\$3 with force and pressure with fluid and valve with open\$4 with clos\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 16:17
S35	18	control\$4 with position with valve with actuatu\$3 with magnetic\$3 with force and pressure with fluid and valve with open\$4 with clos\$3 and hydraulic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 16:19
S36	6	control\$4 with position with valve with actuatu\$3 with magnetic\$3 with force and pressure with fluid and valve with open\$4 with clos\$3 and (measur\$6 or calculat\$4 or compute or computing or determin\$3) with hydraulic with actuatu\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 16:21
S37	3	control\$4 with position with valve with actuatu\$3 with magnetic\$3 with force and pressure with fluid and valve with open\$4 with clos\$3 and (measur\$6 or calculat\$4 or compute or computing or determin\$3) with hydraulic with actuatu\$3 and flux	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 16:23
S38	2	(determin\$3 or measur\$6 or compute or computing or calculat\$3 or control\$4) with pressure with electromagnetic\$4 with actuator and position with valve with actuatu\$3 with magnetic\$3 with force and valve with open\$4 with clos\$3 and (measur\$6 or calculat\$4 or compute or computing or determin\$3) with hydraulic with actuatu\$3 and flux	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 16:26
S39	131	(determin\$3 or measur\$6 or compute or computing or calculat\$3 or control\$4) with pressure with fluid with electromagnetic\$4 with actuator with hydraulic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 16:27
S40	45	(determin\$3 or measur\$6 or compute or computing or calculat\$3 or control\$4) with pressure with fluid with electromagnetic\$4 with actuator with valve with open\$3 with clos\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 16:28

## EAST Search History

S41	4	(determin\$3 or measur\$6 or compute or computing or calculat\$3 or control\$4) with pressure with fluid with electromagnetic\$4 with actuator with valve with open\$3 with clos\$3 and (measur\$6 or calculat\$4 or compute or computing or determin\$3) with hydraulic with actuatu\$3 and flux	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 16:30
S42	92	(determin\$3 or measur\$6 or compute or computing or calculat\$3 or control\$4) with pressure with fluid with electromagnetic\$4 with actuator and actuator with valve with open\$3 with clos\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 16:30
S43	54	(determin\$3 or measur\$6 or compute or computing or calculat\$3 or control\$4) with pressure with fluid with electromagnetic\$4 with actuator and actuator with valve with open\$3 with clos\$3 and control\$4 with position with valve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 16:35
S44	3	(determin\$3 or measur\$6 or compute or computing or calculat\$3 or control\$4) with pressure with fluid with electromagnetic\$4 with actuator and actuator with valve with open\$3 with clos\$3 and control\$4 with position with valve and (measur\$6 or calculat\$4 or compute or computing or determin\$3) with hydraulic with actuatu\$3 and flux	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 16:32
S45	8	(determin\$3 or measur\$6 or compute or computing or calculat\$3 or control\$4) with pressure with fluid with electromagnetic\$4 with actuator and actuator with valve with open\$3 with clos\$3 and control\$4 with position with valve and (measur\$6 or calculat\$4 or compute or computing or determin\$3) with hydraulic with actuatu\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 16:33

## EAST Search History

S46	11	(determin\$3 or measur\$6 or compute or computing or calculat\$3 or control\$4) with pressure with fluid with electromagnetic\$4 with actuator and actuator with valve with open\$3 with clos\$3 and control\$4 with position with valve and (measur\$6 or calculat\$4 or compute or computing or determin\$3) with hydraulic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 16:33
S47	7	(determin\$3 or measur\$6 or compute or computing or calculat\$3 or control\$4) with differential with pressure with fluid with electromagnetic\$4 with actuator and actuator with valve with open\$3 with clos\$3 and control\$4 with position with valve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 16:50
S48	13	(determin\$3 or measur\$6 or compute or computing or calculat\$3 or control\$4) with hydraulic\$4 with force with actuator and pressure with fluid with electromagnetic\$4 with actuator and valve with open\$3 with clos\$3 and control\$4 with position with valve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 16:52
S49	2	(determin\$3 or measur\$6 or compute or computing or calculat\$3) with hydraulic\$4 with force with actuator and pressure with fluid with electromagnetic\$4 with actuator and valve with open\$3 with clos\$3 and control\$4 with position with valve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 16:53
S50	9	(determin\$3 or measur\$6 or compute or computing or calculat\$3) with hydraulic\$4 with force with actuator and pressure with electromagnetic\$4 with actuator and valve with open\$3 with clos\$3 and control\$4 with position with valve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 10:17
S51	0	(determin\$3 or measur\$6 or compute or computing or calculat\$3) with hydraulic\$4 with force with actuator and pressure with electromagnetic\$4 with actuator and (calibrat\$3 or adjust\$5 or compensat\$3) with position with valve with open\$3 with clos\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 17:01

## EAST Search History

S52	1	(determin\$3 or measur\$6 or compute or computing or calculat\$3) with hydraulic\$4 with force with actuator and pressure with electromagnetic\$4 with actuator and (calibrat\$3 or adjust\$5 or compensat\$3 ) with position with valve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 17:01
S53	18	control\$4 with position with valve with actuat\$3 with magnetic\$3 with force and pressure with fluid and valve with open\$4 with clos\$3 and hydraulic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 10:12
S54	394	702/41.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 10:18
S55	292	701/78.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 10:36
S56	489	303/113.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 10:42
S57	420	303/114.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 10:42
S58	99	303/158.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 10:44
S59	411	303/155.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 10:49
S60	441	303/115.4.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 10:50

## EAST Search History

S61	99	303/122.04.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 10:53
S62	108	303/122.09.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 10:53
S63	502	361/152.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 10:54
S64	623	361/154.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 10:54
S65	870	361/160.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 10:54